

V&V Summary Report

L2 ASCDS Version : 10.3

Observation 16828 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 1 2014

See [axaff16828N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.068800077438

Comments

A spatial region of the original bias map for CCD = 2 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 2 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:

(54.83439,53.02843), (54.83848,53.01992), (55.06158,53.05808), (55.05754,53.06660).

seq_num	502346	Sequence number
obs_id	16828	Observation id
title	Snap-shot survey of unidentified Fermi sources	Proposal title
observer	Dr. Blagoy Rangelov	Principal investigator
object	2FGL J0340.5+5307	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	55.041796	Observer's specified target RA [deg]
dec_targ	53.137469	Observer's specified target Dec [deg]
ra_nom	55.0281695515	Nominal RA [deg]
dec_nom	53.131720293087	Nominal Dec [deg]
roll_nom	195.80827118118	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10068.800077438	Sum of GTIs [s]
livetime	9937.2437918838	Livetime [s]
ontime0	10068.800077438	Sum of GTIs [s]
ontime1	10065.659016609	Sum of GTIs [s]
ontime2	10068.800077438	Sum of GTIs [s]
ontime3	10068.800077438	Sum of GTIs [s]
ontime7	10068.800077438	Sum of GTIs [s]
l2events	51458	Number of level 2 events

